

Application No.: 10/664,197

Docket No.: LOREAL 3.0-060

IN THE CLAIMS

1. (currently amended) An interference pigment comprising: a multilayer structure with a spectral reflectance differing by not more than about 20% either from curve a ~~reference spectral reflectance C or from curve M of skin as defined in Figure 4~~ for at least a portion of the visible spectrum 200 nm broad, said multilayer structure including at least one layer totally coating an underlying layer

2. (previously presented) The pigment according to claim 1, wherein said pigment is in the form of particles having a globular form.

3. (original) The pigment according to claim 2, wherein said particles have a spherical form.

4. (original) The pigment according to claim 2, wherein said particles comprise a substrate having a globular form, on which are deposited various layers of said multilayer structure.

5. (original) The pigment according to claim 4, wherein said substrate has a spherical form.

6. (original) The pigment according to claim 4, wherein said substrate comprises at least one microsphere.

7. (original) The pigment according to claim 4, wherein said substrate is made of glass or metal.

8. (previously presented) The pigment according to claim 2, wherein said particles have a symmetrical form relative to a center of symmetry.

9. (original) The pigment according to claim 1, wherein said spectral reflectance of said interference pigment differs, for at least one range 200 nm broad, by not more than about 10% from said reference spectral reflectance.

10. (original) The pigment according to claim 9, wherein said spectral reflectance of said interference pigment differs, for at least one range 200 nm broad, from said reference spectral reflectance by not more than about 2%.

11. (original) The pigment according to claim 1, wherein said spectral reflectance of said interference pigment differs, over at least the 500-700 nm range, by not more than about 10% from said reference spectral reflectance.

12. (original) The pigment according to claim 11, wherein said spectral reflectance of said interference pigment differs, over at least the 500-700 nm range, from said reference spectral reflectance of by not more than about 2%.

13. (original) The pigment according to claim 1, having a lightness value L^* , measured in the CIE 1976 space, which is substantially constant for incidences of between -45° and 45° .

14. (original) The pigment according to claim 2, wherein said particles have a size lying between about 10 and about 150 μ m.

15. (original) The pigment according to claim 14, wherein said size of the particles lies between about 10 and about 50 μ m.

16. (previously presented) The pigment according to claim 1, wherein said keratinous material reference spectral reflectance is C of Figure 4.

17. (currently amended) A composition, comprising: a physiologically acceptable medium and mixed therein at least one interference pigment having a multilayer structure with a spectral reflectance differing by not more than about 20% either from curve a-reference spectral reflectance-C or from curve M ~~skin-as-defined-in~~ Figure 4 for at least a portion of the visible spectrum 200 nm broad, said multilayer structure including at least one layer totally coating an underlying layer,

18. (original) The composition according to claim 17, wherein said composition is substantially non-goniochromatic.

19. (original) The composition according to claim 17, wherein said spectral reflectance of said interference pigment

differs by not more than about 20% from said reference spectral reflectance over the entire visible spectrum.

20. (original) The composition according to claim 17, further comprising a mixture of pigments including at least one interference pigment, the proportions of the various pigments being chosen so as to obtain the desired spectral reflectance for the composition.

21. (original) The composition according to claim 17, wherein said interference pigment maintains a spectral reflectance that is close to said reference spectral reflectance even in the case of variation of the refractive index.

22. (original) The composition according to claim 17, wherein the multilayer structure is configured such that said composition is substantially non-goniochromatic for incidences of between -45° and 45° .

23. (previously presented) The composition according to claim 17, wherein said spectral reflectance of the composition applied to skin differs, for a given range of the spectrum at least 200 nm broad, by not more than about 10% from the reference spectral reflectance.

24. (previously presented) The composition according to claim 23, wherein the spectral reflectance of the composition applied to skin differs, for a given range of the spectrum at least 200 nm broad, by not more than about 5% from the reference spectral reflectance.

25. (previously presented) The composition according to claim 24, wherein the spectral reflectance of the composition applied to skin differs, for a given range of the spectrum at least 200 nm broad, by not more than about 2% from the reference spectral reflectance.

26. (previously presented) The composition according to claim 17, wherein the spectral reflectance of the composition applied to skin differs, for the range of the spectrum from 500

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nm to 700 nm, by not more than about 10% from the reference spectral reflectance.

27. (previously presented) The composition according to claim 26, wherein the spectral reflectance of the composition applied to skin differs, for the range of the spectrum from 500 to 700 nm, by not more than about 5% from the reference spectral reflectance.

28. (previously presented) The composition according to claim 27, wherein the spectral reflectance of the composition applied to skin differs, for the range of the spectrum from 500 to 700 nm, by not more than about 2% from the reference spectral reflectance.

29. (previously presented) A method for making up a zone of skin of an individual, comprising:

measuring a reference spectral reflectance on the skin of an individual;

applying on the zone of the skin a composition comprising a physiologically acceptable medium and mixed thereon at least one interference pigment, the at least one interference pigment comprising at least one layer totally coating an underlying layer, the at least one interference pigment on the composition as applied to the zone of skin having a spectral reflectance that differs, for at least a portion of the visible spectrum 200 nm broad, by not more than about 20% from said reference spectral reflectance.

30. (previously presented) The method according to claim 29, wherein said zone of said skin comprises a skin imperfection selected from the group consisting of: wrinkles, spots, marks, rosacea, veins and blackheads.

31. (original) A method for attenuating a dominant chromatic of a zone of skin, comprising:

applying on said zone of the skin a composition as defined in claim 17.

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32. (original) The method according to claim 31, wherein the dominant chromatic that is attenuated is yellow.

33. (previously presented) A process for manufacturing an interference pigment with a multilayer structure, comprising:

measuring a reference spectral reflectance on skin or hair,

producing the multilayer structure such that it comprises at least one layer totally coating an underlying layer and such that a spectral reflectance of said pigment differs, for at least a portion of the visible spectrum 200 nm broad, by not more than about 20% from said reference spectral reflectance.

34. (original) The process according to claim 33, wherein said spectral reflectance of said pigment differs by not more than about 10% from said reference spectral reflectance, for at least a portion of the visible spectrum 200 nm broad.

35. (previously presented) The process according to claim 34, wherein said spectral reflectance of said pigment differs by not more than about 2% from said reference spectral reflectance, for at least a portion of the visible spectrum 200 nm broad in the range of 500 to 700nm.

36. (previously presented) A process for manufacturing a composition to be applied to a skin or integuments, comprising:

measuring a reference spectral reflectance of a keratinous material selected from the group consisting of human skin and hair;

producing the multilayer structure such that it comprises at least one layer totally coating an underlying layer and such that a spectral reflectance of said composition, applied to the skin or integuments, differs, for at least a portion of the visible spectrum 200 nm broad, by not more than about 20% from said reference spectral reflectance;

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and mixing in a physiologically acceptable medium and at least one interference pigment with said multilayer structure.

37. (previously presented) The process according to claim 36, wherein said spectral reflectance of said composition applied to the skin or integuments differs by not more than about 10% from said reference spectral reflectance, for at least a portion of the visible spectrum 200nm broad.

38. (previously presented) The process according to claim 36, wherein said spectral reflectance of said composition applied to the skin or integuments differs by not more than about 2% from said reference spectral reflectance, for at least a portion of the visible spectrum 200 nm broad in the range of 500 to 700nm.

39. (previously presented) The process according to claim 36, wherein said reference spectral reflectance is measured on a person who is different from the person who is intended to receive said composition but has the same type of skin or hair.

40. (previously presented) The process according to claim 36, wherein said reference spectral reflectance is measured on a person who is intended to receive the composition.

41. (canceled)

42. (previously presented) The composition of claim 17 wherein said keratinous material is Caucasian skin.

43. (canceled)

44. (previously presented) The process of claim 36 wherein said keratinous material is selected from the group consisting of Caucasian, Asiatic and black skin.

45. (previously presented) The pigment of claim 1 wherein said spectral reflectance of said pigment is smaller then said reference spectral reflectance between 450 and 500nm.

46. (previously presented) The pigment of claim 45 wherein a difference between said spectral reflectance of said pigment and said reference spectral reflectance is greater than about 5% for at least one value of the spectrum.

47. (previously presented) The composition of claim 17 wherein said spectral reflectance of said pigment is smaller than said reference spectral reflectance between 450 and 500nm.

48. (previously presented) The composition of claim 47 wherein a difference between said spectral reflectance of said pigment and said reference spectral reflectance is greater than about 5% for at least one value of the spectrum.

49. (previously presented) The method of claim 29 wherein said spectral reflectance of said composition applied to the skin or the integuments differs by not more than about 10% from said reference spectral reflectance, for at least a portion of the visible spectrum 200nm broad.

50. (previously presented) The method of claim 29 wherein said spectral reflectance of said composition applied to the skin or the integuments differs by not more than about 2% from said reference spectral reflectance, for at least a portion of the visible spectrum 200nm broad in the range of 500 to 700nm.

51. (previously presented) The method of claim 29 wherein said spectral reflectance of said pigment is smaller than said reference spectral reflectance between 450 and 500nm.

52. (previously presented) The method of claim 51 wherein a difference between said spectral reflectance of said pigment and said reference spectral reflectance is greater than about 5% for at least one value of the spectrum.